

## Houston Solar Energy

Houston, the energy capital of the world, is a leading purchaser of renewable power in the U.S., with an increasing base of solar energy sources.

SELECTED HOUSTON SOLAR ENERGY COMPANIES		
Solar Energy Production	Solar Energy Distribution/ Manufacturing	Solar Energy Installation
Green Mountain Energy	Clean Line Energy Partners	Akari Energy
NRG Energy	Hisco	Gulf Coast Renewable Resources
TXU Energy	Kaneka Texas Corporation	Harvest Solar and Wind Power
Reliant Energy	Monsanto Electronic Materials company	Ignite Solar Inc.
First Solar Inc.	Quanta Services Inc.	Integrated Electrical Services
Clean Line Energy Partners	Solarcraft	Ontility
GDF Suez Energy NA	SunEdison	Pertersen Dean Roofing and Solar Systems
	American Electronic Technologies Inc. (AETI)	Standard Renewable Energy
	Shenzhen Growatt New Technology Co., Ltd	Texas Solar Outfitters
	Rec Solar ASA Inc.	Texas Solar Power Company
		Sunnova Solar Energy
		Clean Power Finance
<b>Sources:</b> Greater Houston Partnership Research, Solar Energy Industry Association, Solarreviews.com, Public Utility Commission of Texas, Environmental Protection Agency,		

- The U.S. Department of Energy (DOE) named the City of Houston as one of 25 U.S. cities as Solar America Cities. DOE recognizes Solar America Cities as partners highly committed to solar technology adoption at the local level. The awards are intended to accelerate solar adoption in cities by supporting cities' with financial and technical assistance
- Houston is the largest municipal purchaser of renewable power in the Green Power Partnership as of April 2016, having signed an agreement with Reliant Energy, an NRG Energy company, to increase its purchase of Green-E certified renewable energy credits. The City will be using more than 950,000 MWh of green power annually which accounts for 80% of the city's total electricity use. This purchase also puts Houston in the top 10 overall in the nation, according to EPA estimates.
- Houston experienced significant growth in solar energy installations in 2015, growing from approximately 5 megawatts (MW) in 2014 to more than 6 MW by the end of 2015, an increase of 20%.
- The city also has on-site solar arrays that generate more than 125,000 kWh at municipal buildings and has installed 17 mobile solar-powered shipping containers/generators at city fire stations, parks, neighborhood centers, and schools.